

[54] GENETIC DWARF PEACH TREE -
ANDERGEN CULTIVAR

Attorney, Agent, or Firm—Burns, Doane, Swecker &
Mathis

[75] Inventor: Norman Bradford, LeGrand, Calif.

[57] ABSTRACT

[73] Assignee: Stark Brothers Nurseries and
Orchards Company, Louisiana, Mo.

A new and distinct peach variety which originated by
the crossing of an unnamed nectarine seedling No.
16K275 and an unnamed peach seedling No. 54P105 is
provided. The new variety is a genetic dwarf which
bears early maturing attractive highly blushed medium
sized globose fruit which is firm and of mild flavor.
When grown at LeGrand, Calif. the fruit commonly
ripens at approximately June 15 to 25th.

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1 Drawing Figure

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SUMMARY OF THE INVENTION

The new and distinct variety of peach tree originated
at LeGrand, Calif. through the hand pollination during
1974 of an unnamed nectarine seedling No. 16K275
with pollen from an unnamed peach seedling No.
54P105. The resulting seed from these hand pollinated
flowers was germinated in cold frames and was field
planted during 1975. Following plant and fruit observa-
tions during 1976, trees of the new variety were budded
on seedling rootstock for further evaluation. The new
variety was initially designated No. 6S225B and was
selected by me as being a new and distinct variety be-
cause of its distinctive characteristics discussed hereaf-
ter.

Trees of the new variety exhibit:

- (a) genetic dwarf growth characteristics which form a
dense tree growth which is spreading to drooping,
- (b) medium vigor,
- (c) stocky and shaggy branches and trunk,
- (d) large acutely pointed elongated leaves which are of
medium thickness and color, and
- (e) early ripening firm medium sized highly colored
globose fruit of good eating quality.

The fruit of the new variety commonly ripens at
approximately June 15 to 25th when grown at Le-
Grand, Calif. or approximately 48 days earlier than the
Elberta peach when grown at the same location.

Asexual propagation of the new variety by budding
by me and those acting on my behalf has confirmed that
its characteristics come true to form and are established
and are transmitted through succeeding generations.

The new variety has been named the ANDERGEN
cultivar.

The specimens described herein were grown and
observed at LeGrand, Calif.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph shows typical speci-
mens of the fruit and foliage of the new variety as de-
picted in color as nearly true as it is reasonably possible
to make the same in a color illustration of this character.

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DETAILED DESCRIPTION OF NEW VARIETY

Dates of first and last pickings: June 15 to June 25, 1981
at LeGrand, Calif.

Tree: Small size (6-8'), genetic dwarf; medium vigor;
dense; spreading to drooping; productive; regular
bearer.

Trunk.—Stocky; shaggy.

Branches.—Medium stocky; shaggy. Lenticels. —
Few; large.

Leaves.—Elongated; abruptly pointed; medium
thickness; smooth. Length. — Approximately 5¼
inches. Width. — Approximately 1½ inches.
Color. — Medium green — Ackerman's Green
Plate XVIII 35K, Regency Color Standards.
Margin. — Glandular; fine. Petiole. — Medium
long; medium thick. Glands. — Average num-
ber: 4; alternate; large; reniform.

Flowers:

Date of full bloom.—Mar. 10, 1981.

Size.—Large.

Color.—Pink — Rose Pink Plate XI-71V-RR-f,
Ridgeway's Color Standards.

Fruit:

Maturity when described.—Hard; firm ripe; date —
June 17, 1981.

Size.—Medium; uniform. Axial diameter. — Ap-
proximately 2¼ inches. Transverse in suture
planes. — Approximately 2½ inches. At right
angles to suture planes. — Approximately 2½
inches.

Form.—Variable; unsymmetrical; globose; com-
pressed; sides unequal.

Suture.—Distinct; extends full length of fruit.

Ventral surface.—Rounded; unequal.

Cavity.—Abrupt. Depth. — Approximately ¾ to ½
inch. Breadth. — Approximately ½ inch.

Base.—Oblique to rounded.

Apex.—Depressed.

Stem.—Approximately ⅛ inch in length; stout; gla-
brous.

Skin.—Medium thick; tender; some tendency to
break at firm ripe. Color. — Highly blushed;
approximately 85 to 90 percent Brazil Red —
Plate 15-R-i Ridgeway's Color Standards.

Flesh.—Color. — Yellow; very slight red near the pit. Texture. — Firm. Fibers. — Fine; tender. Ripens. — Fairly even. Flavor. — Mild; delicate. Aroma. — Wanting. Eating quality. — Very good.

Stone.—Semi-free. Size. — Medium. Length. — Approximately 1½ inch. Thickness. — Approximately 7/8 inch. Form. — Oval. Apex. — Acute. Sides. — Equal. Surface. — Furrowed.

Use: Market; dessert.
Keeping quality: Good.
Shipping quality: Good.

I claim:

1. A new and distinct variety of peach tree substantially as illustrated and described, characterized by (a) genetic dwarf growth characteristics which form a dense tree growth which is spreading to drooping, (b) medium vigor, (c) stocky and shaggy branches and trunk, (d) large acutely pointed elongated leaves which are of medium thickness and color, and (e) early ripening firm medium sized highly colored globuse fruit of good eating quality.

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